

LISTING OF CLAIMS

1-4. (Canceled)

5. (Previously Presented) The wireless microphone communication system according to claim 39, wherein the at least one piece of information is the command information, and the transmitter controls the function of the wireless microphone based on the command information.

6. (Original) The wireless microphone communication system according to claim 5, wherein the command information is information regarding an amplitude frequency characteristic of a sound signal, and the command information is to command the transmitter of the wireless microphone to control the amplitude frequency characteristic of the sound signal.

7. (Original) The wireless microphone communication system according to claim 5, wherein the command information is information regarding a gain of a sound signal, and the command information is to command the transmitter of the wireless microphone to control a gain given to the sound signal.

8. (Original) The wireless microphone communication system according to claim 5, wherein the command information is information regarding a frequency of a carrier wave, and the command information is to command the transmitter of the wireless microphone to control the frequency of the carrier wave.

9. (Original) The wireless microphone communication system according to claim 5, wherein the command information is information regarding an output level of a carrier wave, and the command information is to command the transmitter of the wireless microphone to control the output level of the carrier wave.

10. (Original) The wireless microphone communication system according to claim 5, wherein the command information is information regarding whether or not to permit a setting condition of the transmitter to be changed, and the command information is to command the transmitter of the wireless microphone to enable or disable an operation portion of the transmitter of the wireless microphone to change the setting condition.

11. (Original) The wireless microphone communication system according to claim 5, wherein the command information is information regarding deviation, and the command information is to command the transmitter of the wireless microphone to control the deviation.

12. (Original) The wireless microphone communication system according to claim 5, wherein the command information is information regarding a pilot tone, and the command information is to command the transmitter of the wireless microphone to start or stop transmission of the pilot tone.

13. (Original) The wireless microphone communication system according to claim 5, wherein the command information is information regarding a display, and the command information is to command the transmitter of the wireless microphone to cause the display into an operating state or a non-operating state.

14. (Original) The wireless microphone communication system according to claim 5, wherein the command information is information regarding a compander, and the command information is to command the transmitter of the wireless microphone to control a characteristic of the compander.

15. (Original) The wireless microphone communication system according to claim 5, wherein the command information is information regarding a mute function, and the command information is to command the transmitter of the wireless microphone to cause the mute function into an operating state or a non-operating state.

16-36. (Canceled)

37. (Withdrawn) A wireless microphone communication system comprising:

a wireless microphone adapted to transmit a radio frequency signal, the wireless microphone including:

a radio frequency signal transmitter;

a first infrared signal receiver; and

a control module communicatively coupled to the first infrared signal receiver;

a receiver unit adapted to receive the radio frequency signal, the receiver unit including:

a radio frequency signal receiver; and

a first infrared signal transmitter; and

a portable information communication device including:

a second infrared signal transmitter; and

a second infrared signal receiver;

wherein:

a first infrared signal, transmitted by the first infrared signal transmitter, conveys control information for the wireless microphone;

the second infrared signal receiver receives the first infrared signal;

a second infrared signal, transmitted by the second infrared signal transmitter, conveys the control information for the wireless microphone;

the first infrared signal receiver receives the second infrared signal;

and

the control module controls a function of the wireless microphone according to the control information received by the first infrared signal receiver.

38. (Withdrawn) A method of controlling a wireless microphone in a wireless microphone communication system, the wireless microphone communication system including a wireless microphone and a receiver unit, the wireless microphone including a radio frequency transmitter, the receiver unit including a radio frequency receiver, the method comprising:

- creating, in the receiver unit, a first infrared signal conveying control information for the wireless microphone;

- transmitting the first infrared signal from a first infrared signal transmitter in the receiver unit;

- receiving the first infrared signal at a first infrared signal receiver in a portable information communication device;

- creating, in the portable information communication device, a second infrared signal conveying the control information;

- transmitting the second infrared signal from a second infrared signal transmitter in the portable information communication device;

- receiving the second infrared signal at a second infrared signal receiver in the wireless microphone;

- communicating the control information to a control module in the wireless microphone; and

- controlling the wireless microphone in accordance with the control information.

39. (Previously Presented) A wireless microphone communication system comprising:

a wireless microphone including a sound receiving portion and a transmitter;
and

a receiver for receiving a sound signal transmitted from the wireless microphone through a radio wave, characterized in that

the wireless microphone communication system further comprises a portable information communication device including a storage portion;

each of the transmitter, the receiver, and the portable information communication device has an infrared interface;

the receiver transmits to the portable information communication device through the infrared interface at least one piece of information selected from the group consisting of: command information for commanding control of a function of the wireless microphone, request information for requesting the receiver to notify a setting state of the wireless microphone, and information regarding a type of a battery used in the transmitter of the wireless microphone;

the portable information communication device stores in the storage portion the at least one piece of information received from the receiver through the infrared interface and transmits to the transmitter through the infrared interface the at least one piece of information stored in the storage portion; and

the transmitter receives the at least one information from the portable communication device through the infrared interface.